

**Award of Professional and Construction Engineering
Services for 2017 Road Reconstruction Improvements**

June 15, 2016

The Honorable Mayor Ellison and
Members of the City Commission:

The engineering division is continuing to facilitate the 10-year road millage plan, which includes reconstruction of severely deteriorated streets. Due to the necessary staffing requirements to design, inspect and manage the road reconstruction project, engineering proposes using a consultant for professional survey, design and construction engineering services. A request for proposals was sent to the city's three contracted consultants on May 16, 2016 outlining the details of this work including estimated construction costs. Consultants were asked to base their fees as a percentage of the total estimated construction cost for bidding purposes. The engineering division expects that the construction work will result in bids close to the total estimated construction cost, and if not, the scope of work may be changed in order to meet the project budget.


Three proposals were submitted and reviewed by the engineering division on June 15, 2016 which were then ranked, resulting in the selection of Nowak & Fraus Engineers of Pontiac, Michigan as shown in Table I. Nowak & Fraus successfully completed the professional engineering (design) and is satisfactorily overseeing the construction engineering (inspection and oversight) for the 2016 road reconstruction improvements project. Engineering recommends Nowak & Fraus Engineers be contracted to provide professional and construction engineering services for the 2017 Road Reconstruction Improvements Contract CAP1735 for 13.05% of estimated construction cost which calculates to a proposal price of \$143,568.50.

Engineering will provide supervision, quality reviews of the design documents, and assistance contract administration. The funding source for this project will be the local street funds. If the city commission is in agreement, the following resolution is recommended for approval:

Be it resolved, the city commission awards the professional and construction engineering service work as outlined in the request for proposals dated May 16, 2016 for the 2017 road reconstruction improvements to Nowak & Fraus Engineers of Pontiac, Michigan for 13.05% of the selected contractor's bid amount, and directs staff to issue a purchase order in the amount of \$143,568.50.

Respectfully submitted,
Matthew J. Callahan, P.E.
City Engineer

Approved,


Donald E. Johnson
City Manager

| <p align="center">Table I Proposal evaluation and award recommendation 2017 Road Reconstruction Improvements Contract CAP1735 Professional and Construction Engineering</p> | | | |
|--|-------------------|-------------------------------------|---|
| Consultant | Bid Amount | % Of Total Construction Cost | Recommended Contractor |
| 1. Nowak & Fraus Engineers | \$ 143,568.50 | 13.05 % | It is recommended that Nowak & Fraus Engineers located at 46777 Woodward Ave., Pontiac, Michigan be awarded the 2017 Road Reconstruction Improvements Contract CAP1735 Professional Design and Construction Engineering Contract for the proposal price of \$ 143,568.50 |
| 2. Anderson, Eckstein and Westrick, Inc. | \$ 174,300.90 | 15.85 % | |
| 3. OHM Advisors | \$ 220,768.35 | 20.07 % | |

Engineer's Estimates:

Construction Cost: \$ 1,099,900

City Engineering, Consultant PE and CE \$ 288,500

Budget \$ 1,388,400